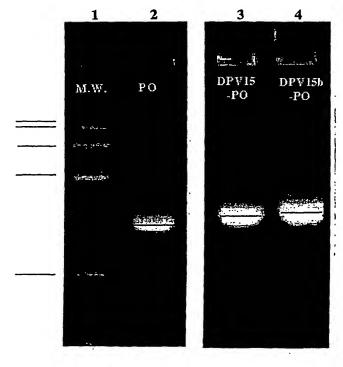


Figure 1



Molecular Weight			
L1 Ladder	L2 PO	L3 DPV15-PO	LA DPV15b-PO
200	40	42.3	43
116.2			
97.4			
66.2			
31			

Figure 2B

Figure 2A

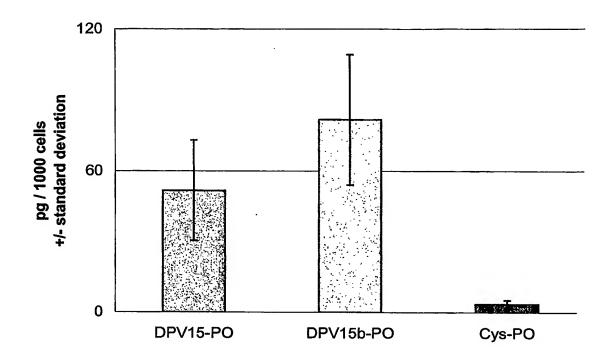


Figure 3

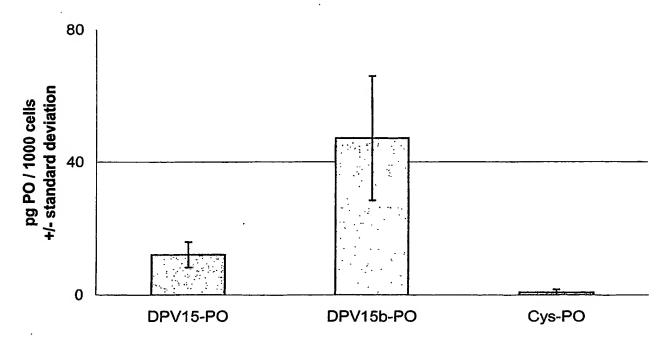


Figure 4



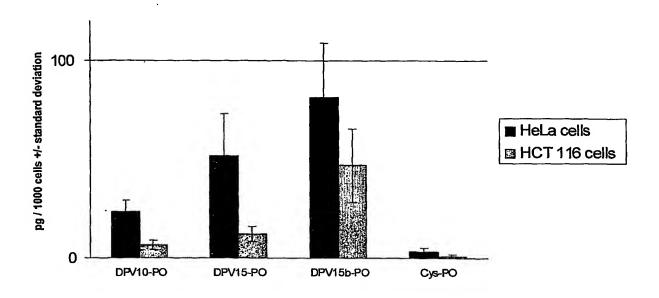


Figure 5

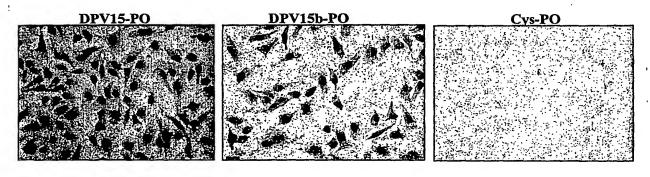


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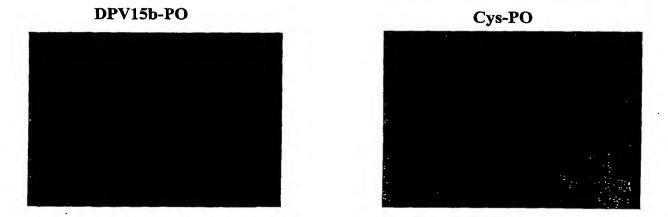


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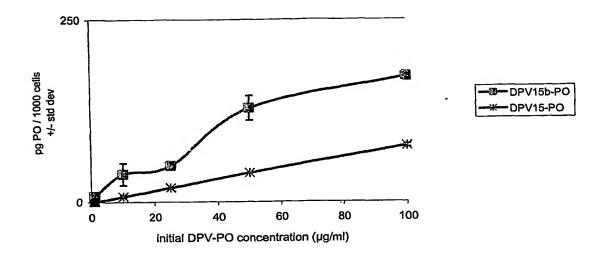


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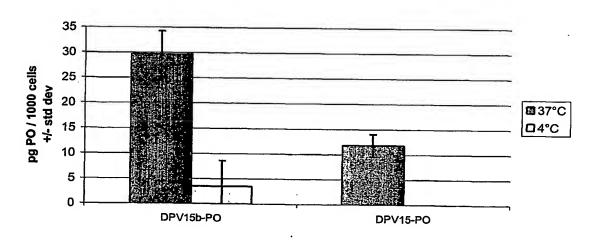


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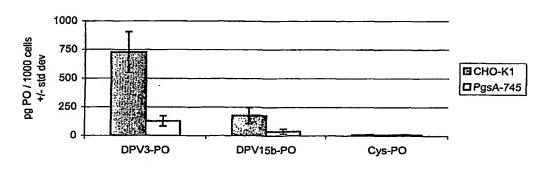


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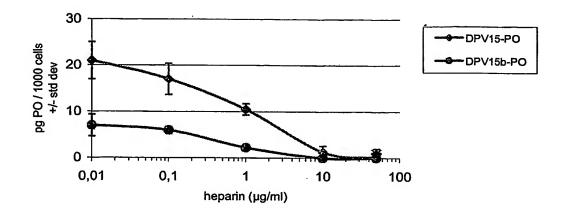


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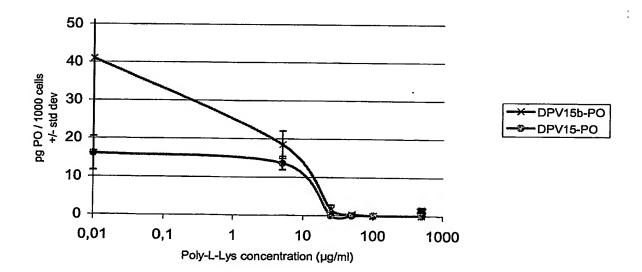
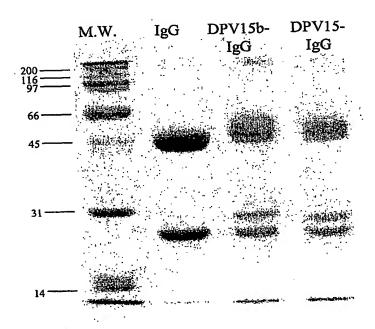


Figure 12



Lane 1: Molecular Weight standard

Lane 2: AntiPO IgG

Lane 3: DPV 15-AntiPO IgG conjugate. Lane 4: DPV 15b-AntiPO IgG conjugate.

Figure 13

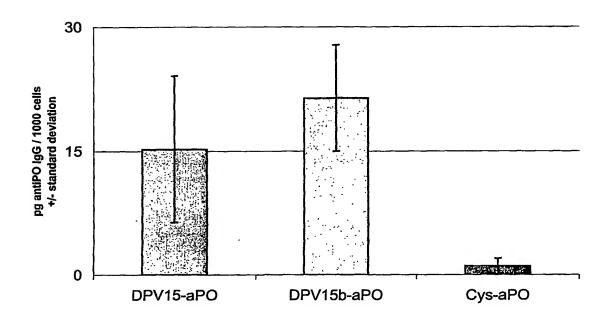


Figure 14

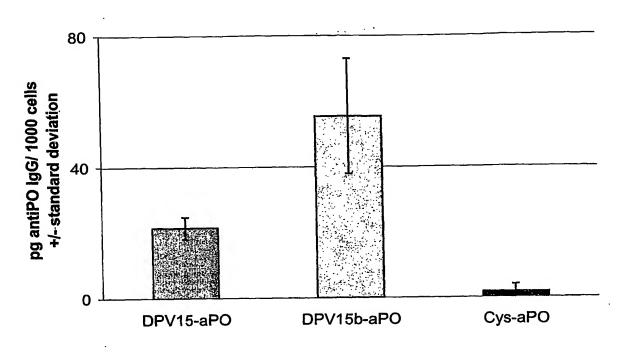


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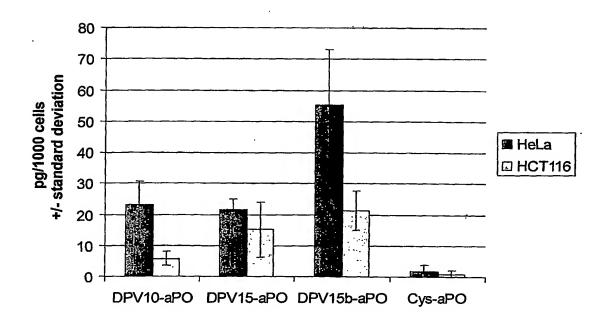


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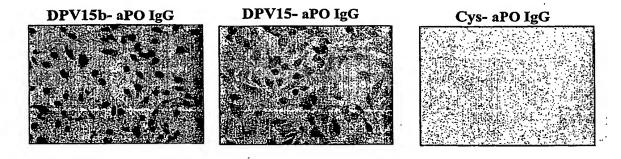


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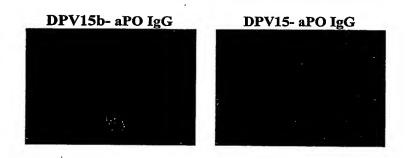


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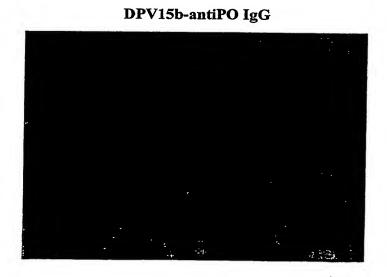


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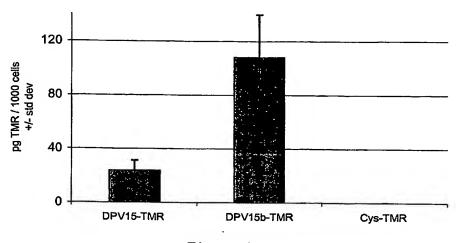


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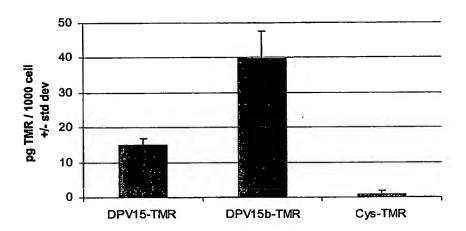


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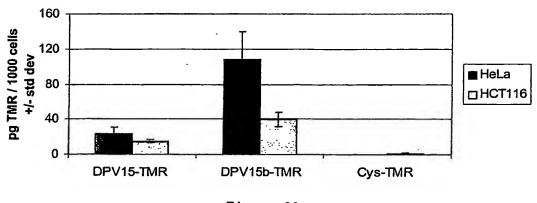


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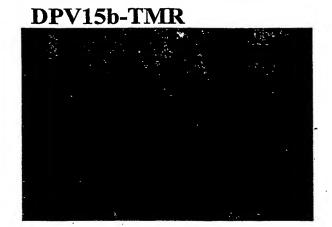


Figure 23



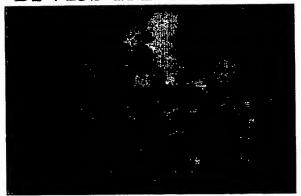


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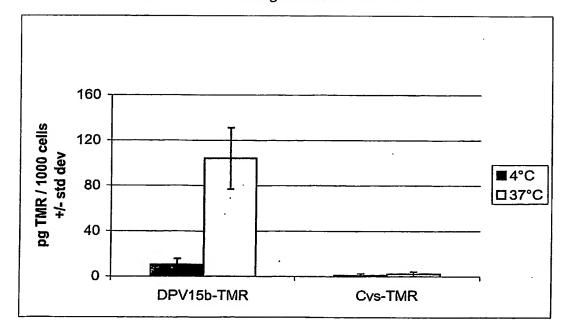


Figure 25

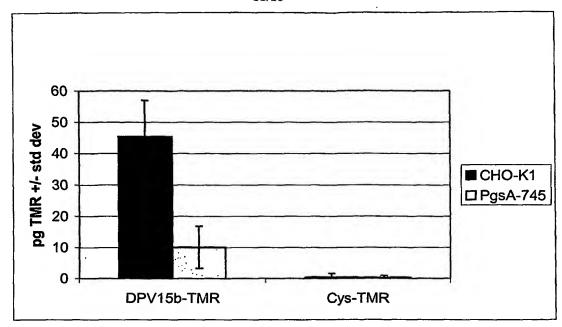


Figure 26

Figure 27

$$\begin{array}{c} \text{CICH}_2\text{CH}_2\\ \text{CICH}_2\text{CH}_2\\ \end{array} > \text{N} - \begin{array}{c} \text{O}\\ \text{II}\\ \text{CH}_2\text{CH}_2\\ \text{CH}_2\text{CH}_2 \end{array} - \begin{array}{c} \text{O}\\ \text{II}\\ \text{O} \end{array} - \text{OH} - \begin{array}{c} \text{OPV}_{15}\\ \text{OPV}_{15}\\ \text{OH}_2\\ \text$$

Figure 28

Figure 29

Figure 30

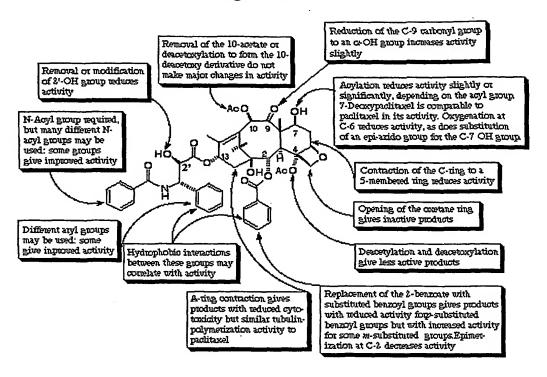


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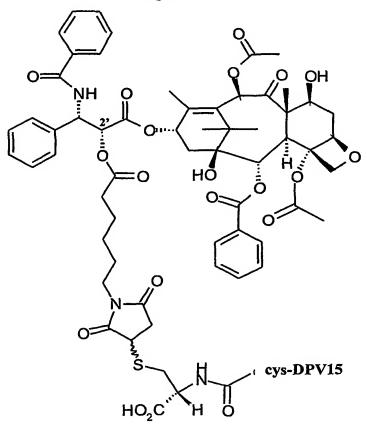


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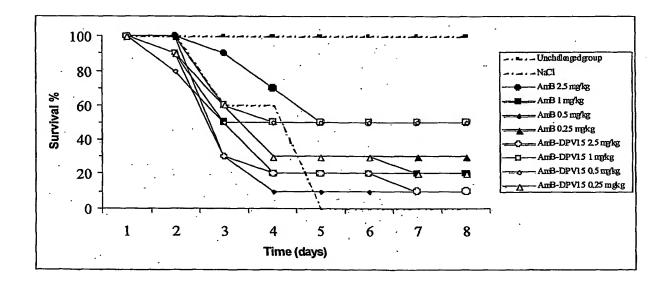


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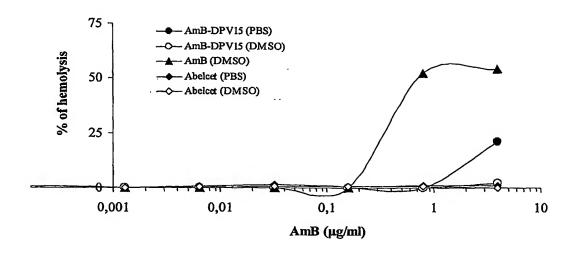


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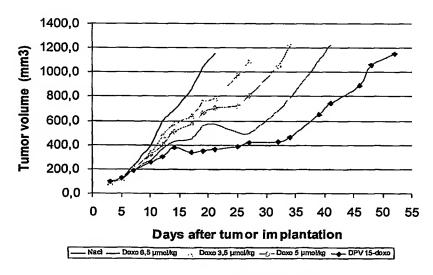


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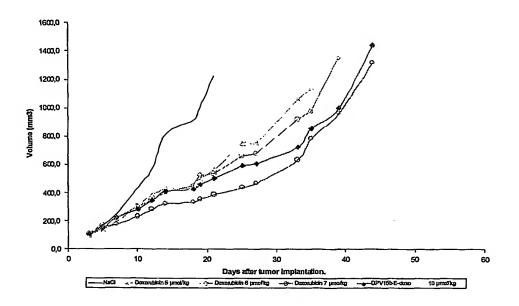


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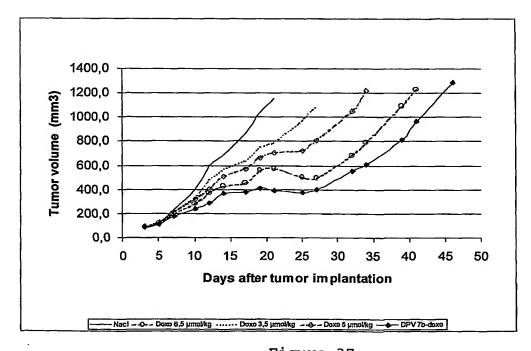


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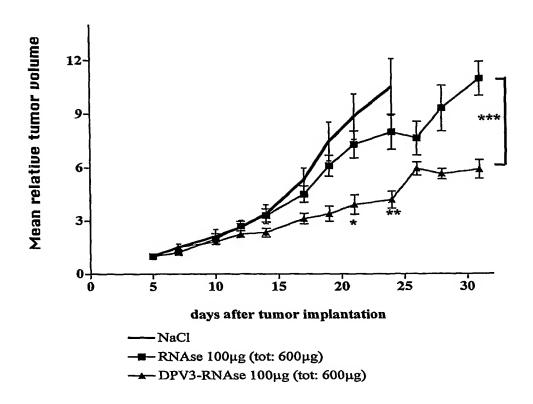


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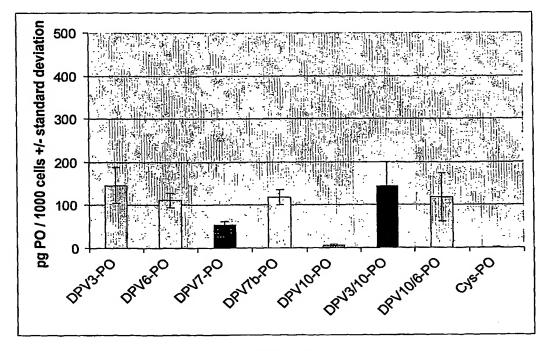


Figure 39

500 400

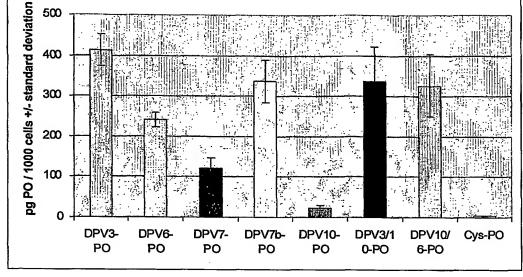


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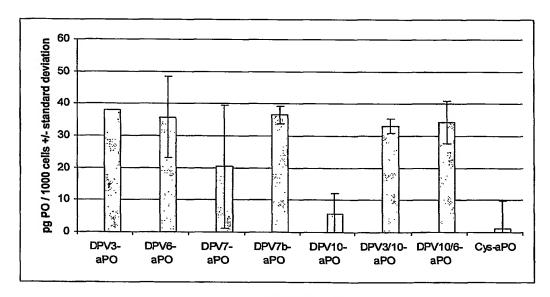


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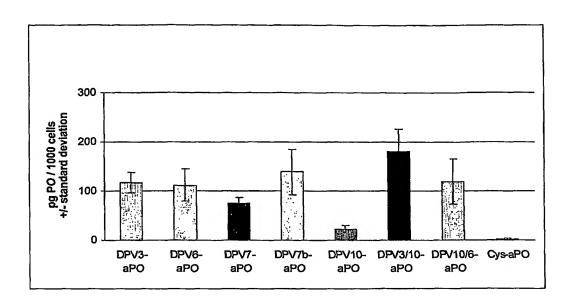


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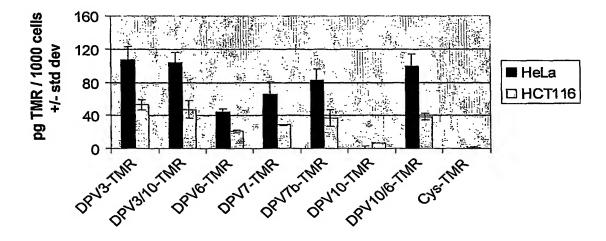


Figure 43

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